## SECTION II—CLAIMS

1.-28. (Canceled)

29. (Previously Presented) A micro resonator comprising:

an oscillator member disposed upon an oscillator pedestal; and

an ablative structure positioned on the oscillator member, the ablative structure being separated from the oscillator member by a protective pad.

30. (Previously Presented) The micro resonator according to claim 29 wherein the protective pad is made from aluminum, an aluminum alloy, silver, a silver alloy, indium, or an indium alloy.

31. (Previously Presented) The micro resonator of claim 29 wherein the ablative structure comprises a pattern of spaced-apart stacks disposed upon the oscillator member.

32. (Previously Presented) The micro resonator according to claim 29 wherein the protective pad is made from a refractory metal, a refractory metal oxide, a refractory metal silicide, a refractory metal nitride, or combinations thereof.

33. (Previously Presented) The micro resonator according to claim 29 wherein the oscillator member is made of a material selected from polysilicon, a metal, a metal nitride, a metal oxide, a metal silicide, or combinations thereof.

34. (Previously Presented) A microresonator system comprising:

a microresonator having an input and an output and comprising:

an oscillator member suspended above a substrate by an oscillator pedestal,

a drive electrode positioned between the oscillator member and the substrate,

an ablative structure positioned on the oscillator member, the ablative structure being separated from the oscillator member by a protective pad;

an input circuit connected to the input; and

an output circuit connected to the output.

35. (Previously Presented) The micro resonator according to claim 34 wherein the protective pad is made from aluminum, an aluminum alloy, silver, a silver alloy, indium, or an indium alloy.

36. (Previously Presented) The micro resonator of claim 34 wherein the ablative structure comprises a pattern of spaced-apart stacks disposed upon the oscillator member.

37. (Previously Presented) The micro resonator according to claim 34 wherein the protective pad is made from a refractory metal, a refractory metal oxide, a refractory metal silicide, a refractory metal nitride, or combinations thereof.

38. (Previously Presented) The micro resonator according to claim 34 wherein the oscillator member is made of a material selected from polysilicon, a metal, a metal nitride, a metal oxide, a metal silicide, or combinations thereof.